

Garant

GARANT Master Steel PickPocket solid carbide roughing end mill HPC, TiAlN, Ø f8 DC: 17,5 mm



Order data

| | |
|--------------|---------------|
| Order number | 202404 17,5 |
| GTIN | 4045197781307 |
| Item class | 11X |

Description

Version:

For **roughing and finishing**

With corner radii similar to torus cutters.

Up to 1×D into solid material **at very high feed rates** with smooth cutting action.

Advantage:

Optimised flute form, eccentric relief ground, wide chip space.

Tolerance nominal Ø: f8

No. of teeth Z: 3

Helix angle: 38 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 3

Flute length L_c : 31 mm

Overhang length L_1 incl. recess: 42 mm

Recess Ø D_1 : 17.3 mm

Overall length L: 92 mm

Shank Ø D_s : 18 mm

Technical description

| | |
|--|---------|
| Flute length L_c | 31 mm |
| Tolerance nominal Ø | f8 |
| Feed f_z for side milling in steel < 900 N/mm ² | 0.13 mm |
| Cutting edge Ø D_c | 17.5 mm |

| | |
|---|----------------------------------|
| No. of teeth Z | 3 |
| Overall length L | 92 mm |
| Shank $\varnothing D_s$ | 18 mm |
| Recess $\varnothing D_1$ | 17.3 mm |
| Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$ | 0.1 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Overhang length L_1 incl. recess | 42 mm |
| Shank | DIN 6535 HB to h6 |
| Helix angle | 38 degrees |
| Corner rounding r_v | 0.88 mm |
| Series | GARANT Master Steel |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | DIN 6527 |
| Type | N |
| Helix angle characteristic | unequal spacing |
| Spacing of the cutters | unequal spacing |
| Cutting width a_e for milling operation | 0.4xD for side milling |
| Cutting width a_e for milling operation | Full slot cutting depth 1xD |
| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | green |
| Type of product | End mill |